

 <p><b>APPLICANT PART CITATION</b> (Use several sheets if necessary)</p>		Application 10/761,481		OFGS File No. P/546-280			
		Applicant Nozer M. MEHTA et al.					
		Filing Date January 20, 2004		Group Art Unit 1632			
U.S. PATENT DOCUMENTS (not submitted for applications filed after 6/30/03)							
Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate	
JR	US-5,955,425	09-1999	Morley et al.	514	11	8-2-1996	
JR	US-5,556,940	09-1996	Willick et al.	530	317	6-20-1994	
JR	US-6,242,495	06-2001	Leone-Bay et al.	514	617	6-16-2000	
FOREIGN PATENT DOCUMENTS							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
JR	WO 96/35447	11-1996	WIPO	_____	_____		
JR	WO 99/18945	04-1999	WIPO	_____	_____		
JR	WO 99/31137	06-1999	WIPO	_____	_____		
JR	WO 00/31137	06-2000	WIPO	_____	_____		
JR	WO 00/07979	02-2000	WIPO	_____	_____		
JR	WO 00/10596	03-2000	WIPO	_____	_____		
JR	WO 01/21198	03-2001	WIPO	_____	_____		
JR	WO 01/22093	03-2001	WIPO	_____	_____		
JR	WO 01/36039	05-2001	WIPO	_____	_____		
JR	WO 01/81415	11-2001	WIPO	_____	_____		
JR	EP 0 920 873	06-1999	European Union	_____	_____		
JR	EP 0 926 158	06-1999	European Union	_____	_____		
JR	EP 1 059 933	01-2003	European Union	_____	_____		
JR	2,126,299	12-1995	Canada	_____	_____		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner <u>Jeffrey E. Russell</u>				Date Considered <u>March 15, 2006</u>			
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JN	US-4,604,376	08-1986	Teng	514	3	4-8-1995	
JN	US-5,206,219	04-1993	Desai	514	3	11-25-1991	
JN	US-5,350,741	09-1994	Takada	514	3	5-26-1992	
JN	US-5,472,710	12-1995	Klokke-Bethke et al.	424	468	4-29-1994	
JN	US-5,310,727	05-1994	Lattanzi et al.	514	12	5-10-1994	
JN	US-5,122,376	06-1992	Aliverti et al.	424	405	5-9-1990	
JN	US-5,447,729	09-1995	Blenduik et al.	424	490	4-7-1994	
JN	US-4,994,439	02-1991	Longenecker et al.	514	3	1-19-1989	
JN	US-4,708,934	11-1987	Gilligan et al.	435	68	9-27-1984	
<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
JN	WO95/28963	11-1995	WIPO			Abstract only	
JN	EP 0 308 067	03-1989	European Union				
JN	EP 0 382 403	08-1990	European Union				
JN	EP 0 517 211	12-1992	European Union				
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
JN	1	Seiya Kagatani, et al., "Enhancement of Nasal Salmon Calcitonin Absorption by Lauroylcarnitine Chloride in Rats", <i>Pharmaceutical Research</i> , Vol. 13, No. 5, pp. 739-743, 1996					
JN	2	Bruce Aungst, "Novel Formulation Strategies for Improving Oral Bioavailability of Drugs with Poor Membrane Permeation or Prysystemic Metabolism", <i>Journal of Pharmaceutical Sciences</i> , Vol. 82, no. 10, pp. 979-987, October 1993					
JN	3	Charles M. Lang, et al., "Effects of glucose-insulin-postassium on intestinal hemodynamics and substrate utilization during endotoxemia", <i>American Physiological Society</i> , 251(3Pt 1):341-8 (1986)					
JN	4	Joseph A. Fix, et al., "Acylcarnitines: drug absorption-enhancing agents in the gastrointestinal tract", <i>American Physiological Society</i> , 251(3 Pt 1):332-40 (1986)					
JN	5	Takayuki Ohwaki, et al., "Effects of Dose, pH, and Osmolarity on Nasal Absorption of Secretin in Rats II: Histological Aspects of the Nasal Mucosa in Relation to the Absorption Variation Due to the Effects of pH and Osmolarity", <i>Journal of Pharmaceutical Sciences</i> , Vol. 76, No., pp. 695-697, September 1987					
Examiner		Jeffrey E. Russell					
		Date Considered March 10, 2006					
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	US-					
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<b>FOREIGN PATENT DOCUMENTS</b>						
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation
						Yes      No
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)						
JRL	6	Doris A. Stoffers, et al. "Multiple Forms of Rat Peptidyl-Glycine $\alpha$ -Amidating Monooxygenase", <i>Advances in Gene Technology: Molecular Neurobiology and Neuropharmacology</i> , ICSU Short Reports, Volume 9, page 120 (1989)				
JRL	7	J. Lai-Sim Au, "Disposition and Availability of 5-Fluorouracil Prodrug 5'-Deoxy-5-fluorouridine after Oral Administration in Rats", <i>Journal of Pharmaceutical Sciences</i> , Vol. 76, page 699 (Sept. 1987)				
JRL	8	Willa A. Hsueh, Proteases in Hormone Production and Metabolism, pp. 141-151 (not dated)				
JRL	9	Alan F. Bradbury, et al., "Peptide Amidation: Evidence for Multiple Molecular Forms of the Amidating Enzyme" <i>Biochemical and Biophysical Research Communications</i> , Vol. 154, No. 3, pp. 1293-1300, August 15, 1988				
JRL	10	VECTOR PHARMA Ongoing Research "Oral Delivery of Peptides" (1996)				
JRL	11	Peter Langguth, et al., "Oral Absorption of Peptides: The Effect of Absorption Site and Enzyme Inhibition on the Systemic Availability of Metkephanid" <i>Pharmaceutical Research</i> , Vol. 11(4):528-535, November 1994				
JRL	12	Martha V.L. Ray, et al., "Production of Recombinant Salmon Calcitonin by <i>In Vitro</i> Amidation of an <i>Escherichia coli</i> Produced Precursor Peptide", <i>Biotechnology</i> , Vol. 11, pp. 64-70, January 1993				
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JR	US-5,766,620	06-1998	Heiber et al.	424	436	10-23-1995	
JR	US-5,968,895	10-1999	Gefter et al.	514	2	12-11-1996	
JR	US-6,248,558	06-2001	Lin et al.	435	69.1	11-04-1998	
JR	US-5,288,497	02-1994	Stanley et al.	424	440	9-5-1989	
	<del>US-5,206,219</del>	<del>04-1993</del>	<del>Desai</del>	<del>514</del>	<del>3</del>	<del>11-25-1991</del>	
	<del>US-5,350,741</del>	<del>09-1994</del>	<del>Takada</del>	<del>514</del>	<del>3</del>	<del>5-26-1992</del>	
	<del>US-5,472,710</del>	<del>12-1995</del>	<del>Kloppers Bethke et al.</del>	<del>424</del>	<del>468</del>	<del>4-29-1994</del>	
FOREIGN PATENT DOCUMENTS							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
JR	WO 01/44199	06-2001	WIPO				
JR	WO 91/14454	10-1991	WIPO				
JR	0 489 217	06-1992	European Union				
JR	0 517 211	12-1992	European Union				
JR	56-140924	04-1981	Japan			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
JR	13	James F. Whitfield, Ph.D., et al., "Adenylyl Cyclase-Activating Anabolic Agents: Parathyroid Hormone and Prostaglandins E", <i>Anabolic Treatments for Osteoporosis</i> , Chapter 5, pp. 109-149 (1998)					
JR	14	Betty A. Eipper, et al., "The Biosynthesis of Neuropeptides: Peptide $\alpha$ -Amidation, <i>Annu. Rev. Neurosci.</i> , 15:57-85 (1992)					
JR	15	David J. Merkler, "C-Terminal amidated peptides: Production by the <i>in vitro</i> enzymatic amidation of glycine-extended peptides and the importance of the amide to bioactivity", <i>Enzyme Microb. Technol.</i> , vol. 16, June 1994					
JR	16	Tania Fernandez, et al., "Ferrying proteins to the other side", <i>Nature Biotechnology</i> , Volume 16 May 1998					
JR	17	Andreas Bernkop-Schnürch, "The use of inhibitory agents to overcome the enzymatic barrier to perorally administered therapeutic peptides and proteins", <i>Journal of Controlled Release</i> , 52(1998) 1-16					
JR	18	Dinesh Patel, et al., "Peptide Targeting and Delivery across the Blood -- Brain Barrier Utilizing Synthetic Triglyceride Esters: Design, Synthesis, and Bioactivity", <i>Bioconjugate Chem.</i> , 1997, 8, 434-441					
JR	19	H. Rico et al.: "Salmon Calcitonin Versus Human Calcitonin Paget's Disease of Bone", <i>Current Therapeutic Research</i> , Vol. 49, No. 1 January 1991 (Abstract)					
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JR	US-6,673,574	01-2004	Stern	435	69.7	11-29-2001	
JR	US-6,086,918	07-2000	Stern et al.	424	474	8-19-1998	
JR	US-5,912,014	06-1999	Stern et al.	424	474	03-15-1996	
JR	US-5,614,219	03-1997	Wunderlich et al.	424	472	12-04-1992	
	US-						
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<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
JR	WO 97/33531	09-1997	WIPO				
JR	WO 95/25534	09-1995	WIPO				
JR	0 263 493	04-1998	European Union			Abstract	
JR	0 162 764	11-1985	European Union				
JR	AU-A-79394/87	04-1988	Australia				
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
JR	20	E. Scott Swenson and William J. Curatolo, <i>Advanced Drug Delivery Reviews</i> (1992) 39-92, "(C) Means to Enhance Penetration (2) Intestinal permeability enhancement for proteins, peptides and other polar drugs: mechanisms and potential toxicity"					
JR	21	Remington's Pharmaceutical Sciences, 18 <sup>th</sup> Edition, pp. 1319, 1634-38 (1990)					
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The PTO did not receive the following listed item(s) **FOR 0263493**

} Abstract submitted.  
JR

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Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate	
<i>JRL</i>	US-6,110,892	08-2000	Barbier et al.	514	11	Aug 1, 1997	
<i>JRL</i>	US-5,157,021	10-1992	Balschmidt et al.	514	3	Dec 20, 1990	
<i>JRL</i>	US-5,120,712	06-1992	Habener	514	12	Jun 1, 1980	
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<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
<i>JRL</i>	WO 02/043767	06-2002	WIPO				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<i>JRL</i>		International Search Report dated November 5, 2004					
Examiner <b>Jeffrey E. Russell</b>		Date Considered <b>March 14, 2006</b>					
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Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate	
JR	US-5,602,100	02-1997	Brown et al.	514	18	Apr 21, 1994	
JR	US-5,312,899	05-1994	Schiller	514	18	Jun 30, 1989	
	US-						
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JR	WO 95/34295	12-1995	WIPO				
JR	WO 99/64449	12-1999	WIPO				
JR	WO 97/33531	09-1997	WIPO				
JR	WO 01/27154	04-2001	WIPO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
JR		European Search Report dated August 30, 2005					
JR		International Search Report dated October 26, 2005					
JR		Takahashi, Ken-Ichiro et al.: "Production of Bioactive Salmon Calcitonin From the Nonendocrine Cell Lines COS-7 and CHO", PEPTIDES, Vol. 18, No. 3, pp. 439-444, 1997, XP002341274 ISSN: 0196-9781/97					
JR		Lu, Jun et al.: "TAP-Independent Presentation 1 of CTL Epitopes by Trojan Antigens", JOURNAL OF IMMUNOLOGY, Vol. 166, No. 12, pp. 7063-7071, June 15, 2001, XP002341273, ISSN: 0022-1767/01					
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